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Starner et al.

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(54) **INTERACTIVE CORD**

(56) **References Cited**

(71) Applicant: **Google Inc.**, Mountain View, CA (US)

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(72) Inventors: **Thad Eugene Starner**, Atlanta, GA (US); **Karissa A. Sawyer**, Santa Clara, CA (US); **Greg Ellis Priest-Dorman**, Berkeley, CA (US)

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(73) Assignee: **Google LLC**, Mountain View, CA (US)

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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Primary Examiner — Duc Nguyen

Assistant Examiner — Kile Blair

(74) *Attorney, Agent, or Firm* — Colby Nipper

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See application file for complete search history.

ABSTRACT

This document describes interactive cords. An interactive cord includes a cable, and fabric cover that covers the cable. The fabric cover includes one or more conductive threads woven into the fabric cover to form one or more capacitive touchpoints which are configured to enable reception of touch input that causes a change in capacitance to the one or more conductive threads. A controller, implemented at the interactive cord or a computing device coupled to the interactive cord, can detect the change in capacitance and trigger one or more functions associated with the one or more capacitive touchpoints. For example, when implemented as a cord for a headset, the controller can control audio to the headset, such as by playing the audio, pausing the audio, adjusting the volume of the audio, skipping ahead in the audio, skipping backwards in the audio, skipping to additional audio, and so forth.

20 Claims, 12 Drawing Sheets

